

**Table E1 – Baseline characteristics of the study population**

	GERD (n = 28)	PPI-REE (n = 9)	EoE cases (n = 24)	Controls (n = 32)
Mean age ( $\pm$ SD)	3.7 $\pm$ 2.1	7.6 $\pm$ 5.5	4.0 $\pm$ 2.8	12.0 $\pm$ 4.9
Males (n, %)	21 (75)	8 (89)	22 (92)	13 (41)
White (n, %)	23 (82)	8 (89)	23 (96)	19 (59)
Atopic conditions (n, %)				
Asthma	13 (46)	4 (44)	10 (42)	0 (0)
Eczema	4 (14)	2 (22)	11 (46)	2 (6)
Seasonal allergies	12 (43)	2(22)	11 (46)	1 (3)
Food allergies	4 (14)	3 (33)	14 (58)	1 (3)
Peak eosinophil counts (mean eos/hpf $\pm$ SD)				
Baseline	0.9 $\pm$ 2.1	53.9 $\pm$ 45.0	54 $\pm$ 33.2	0
Post-treatment	--	1.9 $\pm$ 2.9	2.2 $\pm$ 3.3	--





